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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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PTO/SB/08A (07-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

### Complete If Known

Application Number	10/538,821
Filing Date	5/27/2005
First Named Inventor	Andrew D. Bankhead
Art Unit	2875
Examiner Name	Jonathan Hansen
Attorney Docket No.	AMTH-101US

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (If known)			
/J.H./	1	US-10/507,837 (filed 5/23/05)		Bankhead et al.	
/J.H./	2	US-2003/0117632-A1	06-26-2003	Golini et al.	
/J.H./	3	US-6,552,806-B1	04-22-2003	Swinford et al.	
/J.H./	4	US-6,545,761-B1	04-08-2003	Aziz et al.	
/J.H./	5	US-2003/0011784-A1	01-16-2003	De Groot et al.	
/J.H./	6	US-6,345,107-B1	02-05-2002	Scott	
/J.H./	7	US-2001/0050773-A1	12-13-2001	De Groot et al.	
/J.H./	8	US-6,215,555-B1	04-10-2001	Chivers	
/J.H./	9	US-6,191,862-B1	02-20-2001	Swanson et al.	
/J.H./	10	US-6,084,671	07-04-2000	Holcomb	
/J.H./	11	US-6,031,928	02-29-2000	Scott	
/J.H./	12	US-6,028,670	02-22-2000	Deck	
/J.H./	13	US-5,907,404	05-25-1999	Marron et al.	
/J.H./	14	US-5,706,085	01-06-1998	Blossey et al.	
/J.H./	15	US-5,355,221	10-11-1994	Cohen et al.	
/J.H./	16	US-5,321,501	06-14-1994	Swanson et al.	
/J.H./	17	US-5,112,129	05-12-1992	Davidson et al.	
/J.H./	18	US-4,845,356	07-04-1989	Baker	
/J.H./	19	US-4,818,110	04-04-1989	Davidson	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)				
/J.H./	20	WO-2004/048886-A1	06-10-2004	Taylor Hobson Limited		
/J.H./	21	WO-01/42735-A1	06-14-2001	Oti Ophthalmic Technologies, Inc.		<input type="checkbox"/>
/J.H./	22	WO-94/18523	08-18-1994	Zygo Corporation		<input type="checkbox"/>
/J.H./	23	WO-93/16631	09-02-1993	Phoenix Laser Systems, Inc.		<input type="checkbox"/>

Examiner Signature	/Jonathan Hansen/	Date Considered	06/26/2007
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<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

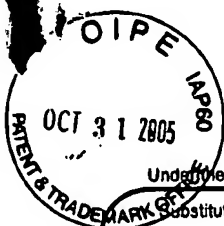
<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/536,821
Filing Date	5/27/2005
First Named Inventor	Andrew Douglas
Art Unit	2875
Examiner Name	Jonathan Hansen
Attorney Docket No.	AMTH-101US

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**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/J.H./	24	FRIEDHEIM BECKER et al., "Automatic evaluation of interferograms," <i>SPIE</i> , Vol. 359, Applications of Digital Image Processing IV (1982), pp. 386 - 393.	<input type="checkbox"/>
/J.H./	25	LAWRENCE MERTZ, "Real-time fringe-pattern analysis," <i>Applied Optics</i> , Vol. 22, No. 10, 15 May 1983, pp. 1535 - 1539.	<input type="checkbox"/>
/J.H./	26	KATHERINE CREATH, "Step height measurement using two-wavelength phase-shifting interferometry," <i>Applied Optics</i> , Vol. 26, No. 14, 15 July 1987, pp. 2810 - 2815.	<input type="checkbox"/>
/J.H./	27	PETER de GROOT et al., "Three-dimensional imaging by sub-Nyquist sampling of white-light interferograms," <i>Optic Letters</i> , Vol. 18, No. 17, September 1, 1993, pp. 1462 - 1464.	<input type="checkbox"/>
/J.H./	28	BHARAT BHUSHAN et al., "Measurement of surface topography of magnetic tapes by Mirau interferometry," <i>Applied Optics</i> , Vol. 24, No. 10, 15 May 1985, pp. 1489 - 1497.	<input type="checkbox"/>
/J.H./	29	PAUL F. FORMAN et al., "The Zygo interferometer system," <i>SPIE</i> , Vol. 192, Interferometry (1979), pp. 41 - 48.	<input type="checkbox"/>
/J.H./	30	KIERAN G. LARKIN, "Topics in Multi-dimensional Signal Demodulation," A Thesis Submitted to the Faculty of Science in the University of Sydney, December 2000.	<input type="checkbox"/>
/J.H./	31	BYRON S. LEE et al., "Profilometry with a coherence scanning microscope," <i>Applied Optics</i> , Vol. 29, No. 26, 10 September 1990, pp. 3784-3788.	<input type="checkbox"/>
			<input type="checkbox"/>
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Examiner  
Signature

/Jonathan Hansen/

Date  
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<sup>1</sup>Applicant's unique citation designation number (optional).

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